

THE SOVLDIERS GRAMMAR:

Containing,
The High, Necessarie, and most
Curious Rules of the Art Militarie:

As first,

Whether it be in Great *Motions* in Generall: Or *Foote Motions* Especially:

Or *Motions of Horse*, Generall, or Speciall:

The Ranges of *Foote*, or *Horse*?

The Ranges of *Officers*.

The Seuall Imbattailings of *Foote*, and *Horse*.

The Imbattailing of a *Regiment*.

The loyning of many *Regiments*.

Or the Forming of Maine *Battailes*, of any extent, or Number; With their Formes, and Figures, in lively Demonstration. &c.

By G. M. Gent.



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BRITISH MUSEUM

GRAMMAR





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THE

THE
S O V L D I E R S
G R A M M A R.

Chap. I.
Of Great Motions in general.
Auing in a former short Discourse, or small Booke, intituled, *The Soldiers Accidence*, being an Introduction or first Guide into the Art Military, shewed all those first Precepts and Rules which necessarily belonge to the knowledge of euery young Soldier, so farre forth as concernes the Manage and gouernement of his owne particular persons. As also those fourne principall Grounds, from whence all the rest of this



Motives to the
Worke.

this famous Art taketh its derivation and perfection, than is to say.

First, the Carriage and use of Armes, conteyned in divers Postures or Stations, expressing the Forme, Compliancē and Readiness of Men in Armes.

Secondly, Distance or Separation of place, whereby Battayles are formed, changed, and proportioned, according to the will and pleasure of the principall Commanders.

Thirdly, March and Motion, which proceeding from certaine peculiar words of Command, and generall direction, the Soldier applieth himselfe to performe euery command in the fullnesse of perfection.

And Fourthly and lastly, the knowledge of the Beatings of the Drame, by which the Soldier taketh notice of euery Command, when the sound of Mans voice is drownēd or obscured.

It now seemeth good vnto me (and I hope it will yeld a generall profite to the whole Kingdome) to fixe vnto the aforesayd Compendie a Grammar or Introductiō into more higher, necessary and more subtile and curious Rules of the Art Military, whereby the younger Schollers may be enabled to proceed and goe forward in the greater and more hidden secretts of the Arte, and the elder or better experienced Men of Warre, may eyther finde Solurions for such doubtes as shall incumber them, Or else matter whereon to worke, and make their owne more singular Inuentiones and Applications more whole-

wholesome for the common yse, and more pleasing to their owne Studies and Labours.

The first thing therefore which I hold most necessary to Intreate of in this Grammar, is of Great Motions in generall; Because according to the Opinion of the Auncients, These Military Motions are the Life of an Armie, and only giue meaneas of Victorie; and without which, all preparation of Forces are vaine, and availeth nothing in the Field, nor to the end for which they were Levied. Since then, Motion is of this inestimable reputation, the labor cannot be misimployed, which bringeth any luster or explanation vnto the same.

Of the Smaller Motions, I haue spoken somewhat already in the Accidence; As of Filing, Racking, Returning to the first Posture, Counter-marching, Doubling, and such like, so far forth as they appertayne to euery single Person, or to the parts and members of a priuate Companie, which we call Squadrans or Camerados. But now I am to intreat of the Greater Motions, which belong to Regiments, Battalions, and the whole Bodie of an Armie: Neyther in the discourse of these things, are you to expect much alteration of wordes, or sence, but only the application of them vnto the Greater, and more infinite Bodies, from whence they take the denomination of the Greater Motions.

The Grecians (as Elian and his Schollars) doe reckon vp nineeene severall Great Motions, to which they giue especiall Names and Titles.

Motions vsed
in the olde
Wares,
or

1 The First, they call *Glisis*, which is a Turning to
cyther Hand.

The Second, *Metabole*, which we call Tur-
ning about.

The Third, *Perispasmus*, which we call Whee-
ling about.

The Fourth, *Epistrophe*, which we call a Whee-
ling, eyther to the one, or the other Hand, but not
entire, or about.

The Fifth, *Anastrophe*, which we call a Retur-
ning of the Wheele vnto the First Posture or Sta-
tion where it stood before it was mooved, or
Wheeled to eyther Hand.

The Sixth, *Ecpersipasmus*, which we call a treble,
or threefold Wheeling, carrying the *Battalia*
thre parts about, but not wholly and entire.

The Seventh, *Plagiophalanx*, or the Broade
Fronted Phalange, which we call the Broad Fron-
ted Battalia, which hath the Length much excee-
ding the Depth.

The Eight, *Orthiophalanx*, which we call the
Deepe Battalia, or Herse Battayle, which is a Bat-
tayle drawne out in Wing, and hauing the Depth
much exceeding the Length.

The Ninth, *Phalange Loxe*, which we call an
Vneuen Fronted Battalia, because one of the
Winges (which is thought fittest) is euer drawne
forth before the other, and as a *Forlorne* begin-
neth the Fight against the Enemy, till opportunity
serue that the whole Battayle may loyne with
greater aduantage and assurance.

The Tenth, *Parambole*, which we call *Insersion*,
being

being a Drawing vp of the Souldiers before, then taking off the Hindernost, we Ranke them within the distances of the First.

The Eleuenth, *Protaxis*, which we call Fore-Fronting, as when we place cyther the Light-Armed or other Loosse Shotte before the Front of the Battayle, and make them Fore-standers or beginniers of the Skirmish.

The Twelfth, *Epitaxis*, which we call an After placing or Attending on the Reare, so that if the Enemy shall Charge behind, yet are the Light-Armed in readinesse, and prepared to give their Vollcys, being placed so behind the Reare (as the other before the Front) for a singular helpe and annoyance.

The Thirteenth, *Proftaxis*, which we call a Joyning of Bodies together, by adding to cyther of the Flankes, or to both entirely, any new Supply of Men, cyther from the Reare of the same Battalia, or otherwise, from any other remouued Bodie or Regiment, whereby the Front of the Battayle is increased.

The Fourteenth, *Entaxis*, which we call Infection, or Inserting, as when we draw the Light-Armed, or Loosse vnguarded Shotte, within the spaces of the Fyles and Ranks of the Armed Battalia, so as they may be free from danger, and yet notwithstanding, euer readie to deliuer their Vollcys in the face of the Enemies, be they Foote or Horse, as they shall give their aproaches.

The Fifteenth, *Hypotaxis*, which we call Double Winging, as when we draw the Light-Armed

or Loose Shot, only within the Armed Winges
of the Battalia, and not into the Entire Bodie, and
placing them in such an Embowed forme, that
the whole forme or figure thereof may resemble
a threefold Gate or Doore.

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The sixteenth, we call an *Induction*, or a *Right Induction*, as when one Bodie or Battalia of one
and the same kinde, in forme and proportion, fol-
loweth one another, and so the March or Motion
stretcheth out it selfe into the manner or forme of
a Wing, having the Depth much exceeding the
Length; And this kind of Battayle or *Right In-
duction*, may consist eyther of a Single Bodie, as
when but one Enemie is feared, or of a Double
Bodie, as whentwo are expected, or of a Treble,
when three ar on foot, or of a *Quadruple*, when
the Enemie purposeth to give on all sides.

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The Seauenteenth, *Paragoze*, which we call
Deduction, is when a Battalia mooueth in a Wing,
not by File, but by Ranke, having the File-leaders
on the Right hand, which is called a *Right De-
duction*, or on the Left Hand, which is called a
Left Hand *Deduction*; And this Bodie or Battal-
lia also Marcheth (as the former) eyther in a Sin-
gle, Double, Treble, or *Quadruple* Devision,
according to the feare they apprehend of the E-
nemie, and the aduantage of the place & ground,
vpon which they march and mooue.

18

The Eighteenth, *Amphistomus*, which we call
the Two Fronted Battayle, and looketh vpon the
Enemie two severall wayes, that is to say, by an
even and Iust Devision, in the midst of an equall
conuer-

conversion of the two parts; The Middle-men or Halfe-fyle men are turned back to back, and those in the Front and Reare make two equall Fronts, and brauely Advance against the Enemie, and this kinde of Motion is excellent against Horse.

The Nineteenth, *Antistomus*, which wee also call a Two Fronted Battayle, and differeth only from the former but in this, that as the Two Fronted Battayle *Amphistomus* is Fronted by the Front and the Reare, so this Two Fronted Battayle *Antistomus*, is Fronted by the two Flanks, the Right stanke, and the Left, and the Motion hath the like vse and perfection which the former hath, being generally applyed for the Encounter of Horse.

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Diuers other particular Motions they haue, both for Armies and Battalies, as that which they call *Diphalange Peristomus*, *Diphalange Homostomus*, *Diphalange Heterostomus*, the *Rhombe*, the *Heteromekes*, the *Epicampios*, *Emprostria*, the *Cyrte*, the *Tetragonall*, *Plaxium*, and diuers others, of which I shall have occasion to write hereafter: For this present, and for the generallity of Motion, these already shewed and expounded are sufficient; Of all which, you shall in the ensuing Chapters (as particulars shall arise) receiue both full Demonstrations and Examples, whereby the dullest vnderstanding shall be enabled to conceiue, and carry away those Mysteries of Art and Science, which hethereto haue layne hidden and obscured; Nor haue I any intention in this Worke, so to rye and conforme my selfe to the plainenesse of the Authors.

Auncients,

Auncients, eyther *Gretians*, or *Romans*, that thereby (knitting my selfe to their Words and Phrases) I might bring a cloude of darkenesse ouer my Labours, which I haue only dedicated to Trueth and Plainenesse: But I doe freely intend to set downe euery thing, in thosc plaine, moderne, and vsuall formes of Direction, as may be auailable for the simplest capacity, and profitable for all those that haue bound themselues Prentises to this Noble Art, and glorious Aduancement.

CHAP. 2.

Of the Particular Motions belonging to the Foote onely.

In what, Motions consist.

THE MANNER of Marches and Motions whatsoeuer, belonging to a Foote Company (as I haue touched before in my *Accidence*), must of necessity, be eyther in Distance, or Forme; & eyther of these must be, eyther in Fyles or Rakes, severally, and of them selues, or else ioyntly, both together.

Of Distances.

Of Fyles and Rakes, what they are, what their extents ought to be, what effects, vertues, and vses are wrought by them, I haue sufficiently shewed in my *Accidence*: Only, because there is a little difference betwixt vs and the Auncients, and betwixt the Schollers of these Moderne times, and the Schollers of the Elder World, I will as neare as

as I can, reconcile them, or at least, bring them to shake hands, and agree together.

The first Receiuers of Militarie Discipline (and those which are at this day their Schollers, and profest Imitators) would haue a File to consist of Sixeteene Men in depth, successiuely one after an other: Others would haue it consist of Eight; And others (which are our largest and best appro-ued) would haue them consist of Ten.

The reason why the first would haue it consist of sixteene, is because it is an even and proportionable number, which may bee doubled to the last man; as from sixteene to eight, from eight to foure, from foure to two, from two to one; and so backe againe reduced to the first forme or Station. This I confesse beares a faire shew of much probability, and was doubtlesse in the first Age, of singular vse and benefit, both for the forming and proportioning of Battailles; as also for the readinesse of Marching, and the mixing or ioyning of many Grosses, or great Bodics, in one square, Round or Triangular fashion. But it is to be vnderstood, that in these former dayes, there was no vse or knowledge of Shot, because the inuention of Fire lay then vnkowne; their Darts, Slings, Crosse-bowes, Long-bowes, and the like, which passed vnder the Light-armed, held then no method or prescript forme in giuing their Volleys, but deliuered them one ouer another's head, without danger: so that the deeper the File was, the greater the Volley was, and the Enemy the more indangered; besides

The Anciente
and the Mo-
derne Authors
reconcil'd.

the drawing and nocking of the Arrow, the Lading of the Sling, the bending of the Crossebow, and the charging of the Dart, are Motions so soddaine, so quicke, and so secure, that there is no necessity of alteration of place; for in as much as not any of these Volleis are deliuered vpon the Leuell, but vpon necessity on the Mounture; therefore the forestanders, or leaders of Files, and their followers are not indangered by the Reare: so that in this case, the deeper the File is, the more hands are brought to fight, and the victory the sooner obtained.

But with vs now in these moderne and latter times, wherein the Inuention of Shot and Powder is founde out; and the danger, Sodainnesse and Violence of the Fire is knowne: in so much that it is ever deliuered in Leuell, seldome or neuer at Random: (for that is vselesse and to no constant purpose) In this case there is great respect to be had to the alteration and change of place, for (as I haue sayd before) to deliuer Shot one behinde another (and that also in Leuell) is for the hindmost to Kill the formost, if they Shoot in Leuell (as they ought) or otherwise Shooring at Random, to spende their Bulletts to no purpose and leauue the Enemie vnauoided; Therefore in this true and certayne Discipline, Fier is onlye to be giuen in the Front, and so by succession of Ranks, one Volley after another, euery hand is in his due time and place brought to Fight, and the Volley hath no intermission or respect.

Now it is to bee considered in what space of time

time a man may Charge and Discharge his Peece
mouing from the Front to the Reare, and so As-
sending vp to the Front againe; and it is found by
the experience of all well Iudging Souldiers, that
the depth of Tenn men is the absolute best Num-
ber, For the first man Discharging in the Front, in
the space that nine more shall come and doe the
like: The first shall make his place good againe, &
so continuue the Volley *ad infinitum*. Now there
are some which strongly hold opinion, that Eight
in depth of File shall doe as much as ten, and with
as little Difficultie make readie and Present; which
no question, may be possible, in expert, old, and
readie Soldiers and so a competent and sufficient
File; But in raw, Ignorant, and half exercised men
it cannot be so, Neither can it be hoped that du-
tie shall so sudainly be performed, And if there
be losse of dutie in one man, there will be losse of
duty in more, and so the Volley will be weakened
& the *Battalia* put in danger; To add a man and
make the File nine, is no good Extent, because that
odd Number comming to be doubled, there will
be a weaknesse either in the Front, or in the Reare;
And that wekenesse may ouerthrow the whole
Battalia; So that for a conclusion of this point, I
cannot but disallowe Sixteene in File as be-
ing to great a Number, in which no lesse then Six
men are lost in euery File so oft as they shall Sal-
lie vp or make their aproaches, eight I feare is two
men to little, the Skill and Dexteritie of the Soul-
diers being doubtfull; and Nine, for the odds may
not be admitted, So that it resteth that Tenn men

in File is the olde cettaine, and allowable Number. I doe not denie but that in Exercising of the Souldiers, the Number Eight is very allowable and will bring them to a great quicknesse and readinesse, but when they shall be brought to to fight, and mixe with other Regiments; Then you are to obscrue the generall forme of the Armie, and what Extent of File the whole Armie Marcheth in, the same Number and Proportion you shall keepe in your priuat Companie, Which questionlesse at this day is the Number Tenn, and no other: both for the fittnesse of the Number in Discharging Dutie, as also in that by the Number Tenn, Euery Hundred Men make a perfect Square, and so are the soonest and with the least trouble drawne into any Forme of Battaille that the principall Commander can desire.

The ground
of all Motions.

Thus I haue shewed you the true Extent of a File, and the Impediments which hang vpon the alteration of Opinions; wherein you are to understand that in all Militarie Motions there must be euer a certaine and Infallible grounde wherpon to Builde the greater workes; For where euerie thing is vncertaine there all things must needs be Confused, Now in the Art of Warr, Ranks are vncertaine, and doe consiste of Numbers accordinge to pleasure: Companies are Imperfect, Occationed by imployment, Sicknesse, Death, or other Disastaers: Regiments are more or lesse according to the goodnesse, or badnesse of the Officers, only the File is certaine and without Alteration, So that from that Grounde euerie good
and.

and great Commander (vpon the first view) can tell howe to shape and proportion any Battaille whatsoeuer.

This being then the concluding *Maxime* touching the true Extent, and Quantitie of a File, which is the Grounde or Foundation where vpon all great Battailles are Built. We will now proceede to the severall Motions belonging to the Foote Companies, of which the first and Principall, is the drawing of Rude, and Indigested Grosses, into a faire, orderlie, and well proportioned Bodie; and this must not in any wise be done by Rankinge, and Drawinge for the of Ranks, for that is rude, and vn-souldier like, because Ranks haue no certainty, nor hold any constant Number: So that no man taking a rude heape of confusid men (which number he knoweth not) can tell how many Ranks they will containe, and keepe the Files certaine: therefore to put these men in Order, it must be done by Filing, and not Ranking; euery File of one and the same Weapon, being drawne out File after File, and then ioyned and formed into one grosse Bodie, according to the pleasure of the Commander. And in this drawing vp of Bodies, is to bee confidered the composition, or parts, whereof every File must consist; that is to say, the principall and first man of every File, is called the Leader, or Captaine of the File, hee leadeth; then followeth him three of Inferiour degree; the first man is called the middle man to the Reare, or a Leader of halfe files.

The next Motion after the drawing vp of con- of closing fused Numbers into an vniforme, is the closing and opening. and opening of Fyles or Rakes, or both Fyles and Rakes at one instant; And in this Motion, is to be obserued, true Distance, or seperation of Place, according to the will of the Commander, because it is a Motion that only consisteth in distance.

The next, is a Motion in Forme, and that also consisteth of Fyles or Rakes severally, or of both Fyles and Rakes ioyntly, in one instant; And this is doubling of Fyles, or Rakes: If doubling of Fyles: it is according to this example,

Fyles undoubled.

Front.

0 0 0 0 0 0 0 0
I I I I I I I I
I I I I I I I I
I I I I I I I I
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
I I I I I I I I
I I I I I I I I

Reare.

Fyles.

and so they stand doubled, as in the Example before shewed; where eight Fyles are brought into foure, and the depth of ten brought into the depth of twentie: And in this doubling, is to be observed, by those which remoue and passe behind the other, that if it be to the Right Hand, then he is first to come about round with his Left Foote, then step forward with his Right Foote behind his Leader that must be, and then bring on his Left Foote, and place his Body euene; so that by these three Motions, the action shall be performed in perfection: And thus as you double Fyles to the Right Hand, so you may also double them to the Left Hand, vsing euerie Motion in a contrary manner; that is to say, where the Right hand Man did before stand firme, and the Left hand Man did moue; now the Left hand Man must stand firme, and the Right hand Man must remoue; and as before, the Left foote did first come about, so now the Right foote must, and when they shall be reduced back againe to their first Place or Station, then it is to be observed, that they must in three Stepps or Motions, recover their former Places, remouing first the Left foote, if the double were to the Right hand, and the Right foote, if the double were made to the Left hand.

The next Motion, being also a Motion in Forme, is the aduancing of Fyles, whith is also a doubling, though after another manner: For in this aduancing of Fyles (if it be to the Right hand) then the Right hand File standeth still, and the Leader of the next file vnto it, doth aduance before

Aduancing of
Files.

fore the Right hand file, and his whole file following him in true order and distance, they all aduance, till the Bringer vp, or Reare Man, stand iust before the Leader of the Right hand file, which standeth still, and moueth not; then the fourth file aduanceth before the third, the sixth before the fifth, and the eight before the seauenth, and so forth, till euery other file haue aduanced in the whole *Batallia*: And in like manner, if the Aduancement be made to the Left hand, then those which stood still, when the Aduancement was to the Right hand shall moue, and they which did moue shall now stand still, as by these Examples doth more plainly apeare.

*Fyles Advanced.**The Front.*

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*Reare.**Fyles*

Fyles Advanced.

Front.

Rare.

Thus you see how Fyles are to be Aduanced, cytherto the Right hand, or to the Left, wherein is to be obserued; that howsoeuer I speake of files to be aduanced distinctly, one after another; yet the Motion is to be don entirely, of one moving file at one instant; And thus, if you please, you may Aduance so oft, that you may bring a

Da whole

Reducing the whole Battalia into one tingle file. Now for reducing them into their first forme or body againe, to their first forme. the Word (*As you were*) being giuen, euery moving file that did Aduance, shall turne Faces about, and so march back to their first places; and as thus, you aduance eyther to the Right or Left hand at one instant; So you may also at one instant aduance both to the Right and Left hand by deuision, making the second file aduance before the first, the fourth before the third, the seuenth before the eight, the fyfth before the sixth: And as thus in aduancing, so also in doubling of files, as you double to the Right or Left hand; so you may double to both the Right and Left hand at one instant by deuision, the second file passing behind the first, the fourth behind the third, then the seuenth behind the eight, and the fyfth behind the sixth.

Now here by the way there may a scruple arise, that for as much as numbers may vary, and that all bodies hold not one euuen or iust content or Number; that then in case there be an odd file, how then shall the bodie be doubled? To this I answere, that if you happen to haue an odde file, then looke to what hand you double vnto, then the outmost file to the contrary hand shall stand and keepe his place firme, without doubling at all; as if you double to the Right hand, then the Left hand file stands fast and vndoubled; or if you double to the Left hand, then the Right hand file stands fast and vndoubled, as by these examples plainly appeareth.

Of Counter-
marching.]

The next necessary Motiō vnto the doublings, and aduancing of files, is the Countermarching of files, which is also another Motion in forme; And of Countermarching, there are diuers kindes; as first, the ordinary Countermarch, which is daily vsed amongst vs, when so euer we march or turne the bodie of the *Battalia* too or fro; and this Countermarch, is called of some, The *Persian* Countermarch, because it was first in vsed amongst them; others call it the *Cretan*, as taken from the Imitation of those Souldiers; & others call it the *Chorean*, from *Chorus*, which signifieth a Companie, of which Companie, there were certaine Dancers, who in a Warlike Dance were the first beginners of this Motion; This Motion is performed of the whole *Battalia* all at one instant; the Leaders of the Fyles (vpon the word giuen, to which hand they shall Countermarch) beginning the motion, as thus, If the Word be giuen to Countermarch to the Right hand, then shall the Leaders of the Fyles, at one instant steppe one steppe forward with the Right foote, then bringing the Left foote and the Bodie round about to the Right hand, and so march downe through the distance betweene the Fyles, till they come to the Reare, where the Bringer-up stood, and therethey shall make a Stand; And in this Motion, every Leader shall obserue his Right hand Man, that they may keepe their Front whole and vndismembred, because the least disorder in this Motion, is the ouerthrow & disgrace of the whole Bodie; and as these Leaders

ders begin and conduct in this orderly manner; so shall all the rest of every File, obseruing true Place and Distance, follow with as great care and seuerity, every Man obseruing his Leader and his Right hand Man, and that by no meanes they offer to turne, till they haue made good the first place, where the Fyle Leaders did turne, and so keeping their Ranks even and iust, the Motion will be exceeding comely, as by this Example apearth.

A Battalia in Counter-march to the Right Hand.

The Battalia after the Counter-march.

The Front.

I	I	I	I
I	I	I	I
O	O	O	O
I	I	I	I
O	O	O	O
O	O	O	O

The 1 File Leaders

I	I	I	I
I	I	I	I
O	O	O	O

The Reare.

The Reare.

o	o	o	o
I	I	I	I
I	I	I	I
I	I	I	I
o	o	o	o

The Front.

Now

Now as they doe thus Countermarch to the Reare, so they may if the Commander please, countermarch backe to the Front againe without intermission, and so as oft and as farre as the Commander pleaseth. Now in this Countermarch, it would bee obserued, that the Files should euer be well opened; as at the open Order of sixe foote at the least; as for the Ranks they may be either at Order, or close Order, vnlesse they consist of Shot, and then they may not march straighter then the Order of three foot; because otherwise it will incumber them, and take from them the vse of their Weapons: and as thus the Countermarch is made to the right or left Hand entirely; so it may bee made both to the right and left Hand by diuision, as hath beene shewed before in other motions. And this Countermarch is of singular vse, for it chargeth the Enemy standing, it chargeth him Marching, and it chargeth him retyring; besides it bringeth euery hand to fight and suffereth none to loose duty.

The Lacede-
monian coun-
termarch.

The next Countermarch is that which is called the *Lacedemonians* Countermarch, as being first received from their example, and it is of singular vse in charging of the enemy, in making of approaches, and in gaining of ground of aduantage; and though at first the Ancients found it out for their light Armed, which were their Slings, Darts, Crosse-bowes, and Longbowes. Yet now with vs it is found of most excellent vse for our Shot, and not vnecessary for

for the Pikes, and other short Weapons for execution, because it bringeth forward euery hand in the Charge, and suffereth none to loose duty, neither doe they at any time stand or slacke in their Charge, but still aduance and goe forward, till they haue attained the ende of their purpose.

The manner of this Nation is thus, the first Ranke or Leaders of the Files of Shot, doe present and give fire, then stand ; and the second Ranke passing either to the right or left Hand (according to commandement) aduance before the first Ranke, couering them both in order and distance ; then the third Ranke aduanceth and couereth the second ; the fourth, the third ; and so foorth in an orderly charge, till the Bringer vp or Reare be brought and made the Front ; and so as occasion shall serue to continue still, till the ende of Commandment. Now for the Pikes or short Weapons, they shall not need to aduance one Ranke before another, but shall keepe their constant March (with their Pykes aduanced, ported, or shouldered) euен still with the first Ranke of Shot, till they come to encounter and charge the Enemy, and then at pleasure, and as occasion shall serue, they may couer one another, and bring every seuerall hand to the pushe, till the last be first, and the first last, as by this Example doth plainly appear.

The Souldiers GrammarradT

26

The Battalia before the Counter-march. The
battalia before the counter-march is performed in a
similar manner to the march, but the drums and
trumpets play the following part.

3 sspppppsss 3
4 sspppppsss 4
5 ooooooo 5
6 ooooooo 6
7 sspppppsss 7
8 sspppppsss 8
9 sspppppsss 9
10 ooooooo 10
9 sspppppsss 9
8 sspppppsss 8
7 sspppppsss 7
6 ooooooo 6
5 ooooooo 5
4 sspppppsss 4
3 sspppppsss 3
2 sspppppsss 2
1 ooooooo 1

The Front.

There

There be others which would haue this *Lacedemonian* Counter-march in an other manner, which is for the first Ranke to Face to the Reare, then the second Ranke, and so all the rest of the Body, to march vp and turne behinde their Leaders; but they are mistaken, and conceiue not rightly of the Author from whence they take their Instruction: for this Motion rather loseth then gayneth ground, and seemeth rather to retyre, then charge; But I leauue the reconcilement of the doubt to those of better Judgement.

to gaideon
1645

The next Motion is called the *Macedonian* Counter-march, but from what ground, it is not yet discussed. As for the manner of the Motion, it is in this wise; The File-leaders all turne about their Faces, and all the rest with the Brigadiers vp, goe against them on the right of left hand, and passing on to the Ground before the Front of the *Battalia*, place themselues in order one after another, according as the File-leaders haue turned their Faces, making a shew vnto the Enemy as if they were retyring, or running away; which inticing the enemy to pursue, is of most singular vse to make him leauē and forsake any place or ground of aduantage. & Others take this Motion to bee the *Macedonian* Counter-march, when the File-leader turneth about his face, and the rest passing by him on the right or left Hand, place themselues orderly, one behinde another. And here is to be noted, that all these Counter-marches already spoken of, may

as well be done by Ranks, as by Fyles, and both to the right or left hand entirely, or to both by division, or both by Conversion; as in the former Examples.

Doubling of
Ranks.

The next Motion, is the doubling of Ranks either to the Right or Left Hand intirely, as when the second Ranke marcheth into the first, the fourth into the third, the sixt into the fift, and the eight into the seventh; and this Motion must be done very orderly, beginning with the left foote, and at three steps making perfect the doubling; then when they are to be reduced to their first Forme againe, to obserue that if they doubled to the right Hand, then they must turne on the left hand, to come to their first places againe, and so contrary to the other, as occasion shall serue; or this Motion may be done to both hands by Division, or to both hands by Conversion, and to either *Open Order*, *Order*, or *Closse Order*: according to these examples.

The Front.

1.	00000000	1.
2.	11111111	2.
3.	11111111	3.
4.	00000000	4.
5.	00000000	5.
6.	11111111	6.
7.	11111111	7.
8.	00000000	8.

The Rearc.

Ranks

Rankes Doubled.

The Front.

1 2 0 1 0 1 0 1 0 1 0 1 0 1 0 1 2 3

3 4 1 0 1 0 1 0 1 0 1 0 1 0 1 0 3 4

5 6 0 1 0 1 0 1 0 1 0 1 0 1 0 1 5 6

7 8 1 0 1 0 1 0 1 0 1 0 1 0 1 0 7 8

The Reare.

Thus you see Rankes doubled and vndoubled, now there is another manner of doubling of Rankes, and that is by the Middlemen, or halfe Files, when they Aduancing and leading vp their halfe Files brings the fift Ranke on which hand they are commanded (being Middlemen to the Front) into the first Ranke, the sixt into the second, the seventh into the third, and the eight into the fourth, which are Middlemen vnto the Reare: as you may see in this example.

Halfe Files vndoubled.

The Front.

1. 0 0 0 0 0 0 0

2. 1 1 1 1 1 1 1

3. 1 1 1 1 1 1 1

4. 0 0 0 0 0 0 0

5. 0 0 0 0 0 0 0

6. 1 1 1 1 1 1 1

7. 1 1 1 1 1 1 1

8. 0 0 0 0 0 0 0

1. placed so smotth

2. vob in the halfe

3. 3.

4. halfe files to the Reare

5. halfe files to the Front.

6.

7.

8.

The Reare.

E 3

Halfe

Halfe Files Doubled.

The Front.

1 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 5
2 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 6
3 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 7
4 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 8

The Reare.

Halfe Files as
they were.

Now to reduce, or bring these into their first place or forme, the halfe Fyles which did ascend, shall turne their Faces about, and following the Reare, or Bringer vp, euery Man shall descend, and come into his first place, as he was before.

Bringers vp.
Doubling.

There is also yet another maner of Doubling of Rankes; and that is, when the Reare, or Bringers vp, which is the last Ranke, aduanceth into the first, then the seventh Ranke following them, commeth into the second, the sixth into the third, and the fifth (which are Middle men to the Front) into the fourth (which are Middle men vnto the Reare,) and so the *Battalia* standeth like vnto the last forme, or Example; only the Figures which signifie the Rankes doe vary, and are now,

1 8	0 0 0 0 0 0 0	2
2 7	1 1 1 1 1 1 1	3
3 6	1 1 1 1 1 1 1	4
4 5	0 0 0 0 0 0 0	5

And

And when this Bodie shall againe be reduced into his first place, then shall the Bringrs vp, or Reare, with their halfe files, turne their Faces about, and the Ranke 3 shall fall behinde the Ranke 4 the Ranke 5 behinde 3, the ranke 6 behinde 5 and the ranke 8 (being the Reare, or Bringrs vp) behinde the ranke 7 and so euery Man is in his first place againe.

Bringrs vp,
As they were.

The next motion vnto these, is *Wheeling*, or *Of Wheeling*. Turning the whole Bodie of the *Battalia*, to one, or the other Hand, or entirely round about, or otherwise by Devision, to Wheele it to both Hands at once, eyther in part, or else Round about; the generall manner of the Motion is thus; First close your Files to the Right hand, and your Rankes to the Swords poynt; then make the Corner file Leader to the Right hand stand fast, and then all the whole Bodie of the *Battalia* to mooue or Wheele about him, as about a Center, eyther halfe about, or three parts about, or else wholy and fully round about: Now to reduce it to the first Posture or Station, you shall command euery Man to turne his Face to the Left hand, then Wheele the Bodie back againe, till it come to its first Place, and then open the Rankes downward, and the Fyles eyther to one, or the other Hand, at pleasure: As thus you Wheele the whole Body to the one, or the other Hand, or entirely round about, so you may wheele it to both Handes at once, by Devision, eyther in part, or round about, according to pleasure; And this is of singular Use, when the Horke shall come to Charge.

Charge the Foote; for by this Wheele, you shall couer your Shotte safe, and leaue your Pikes out-most, to receyue the Charge: Now this Wheele is to be made after an other manner; for where before, eyther the corner Man of the Right hand file, or the Corner Man of the Left hand file, was to stand fast and firme, now all shall moue, and onely the Middle Man in the Reare, to the right Flanke, and the middle Man in the Reare, to the Left Flanke, shall stand fast, and vnmoued, and all the rest of the two Deuided Bodies shall moue about them, according to these Examples following:

Charge the Foote; for by this Wheele, you shall couer your Shotte safe, and leaue your Pikes out-most, to receyue the Charge: Now this Wheele is to be made after an other manner; for where before, eyther the corner Man of the Right hand file, or the Corner Man of the Left hand file, was to stand fast and firme, now all shall moue, and onely the Middle Man in the Reare, to the right Flanke, and the middle Man in the Reare, to the Left Flanke, shall stand fast, and vnmoued, and all the rest of the two Deuided Bodies shall moue about them, according to these Examples following:

The Battalia Wheeled.

The Front.

s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s
s s p p p p p s s

The Reare.

The Left Flanke.

Middle Man to the Left Flanke.

Middle Man to the Left Flanke.

Middle Man to the Right Flanke.

Middle Man to the Right Flanke.

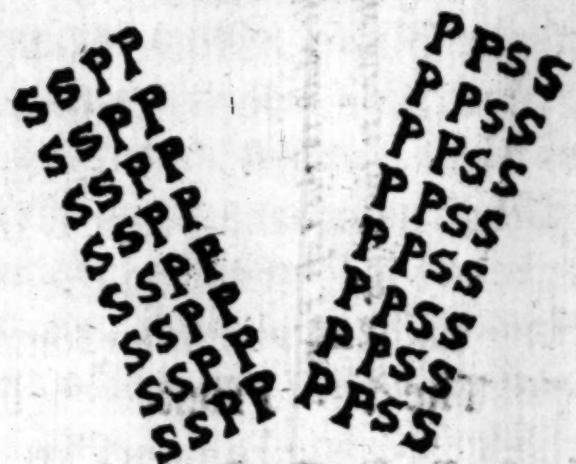
F

The

and

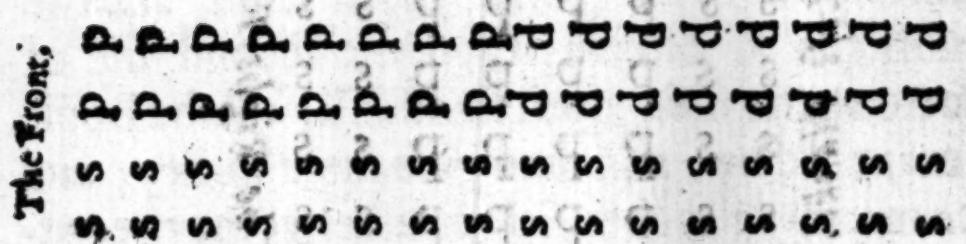
The Battalia Wheeling.

The Front.



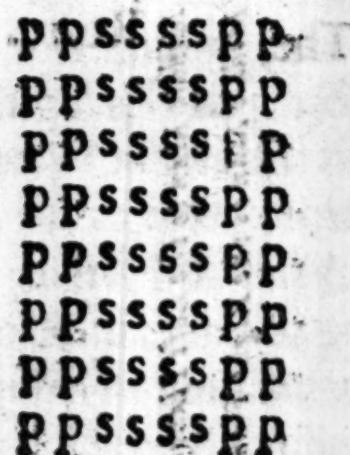
The Reare.

The Battalion half Wheeled.



The French

The Battalia Wheeled round about.



Thus

Thus you haue seenie the manner of Wheeling,
with the seuerall Motions, and Vses thereof.

The next Motion, whereto foore Companies
ought to be applyed, is the Casting off of files, or, ^{Casting of} *Filcs.*
as some call it, the Giuing of Fire, by Flanke, or
in the Flanke; and this motion of casting of Files,
is done diuers waies; as first, in Flanke, then in
Wing, and lastly, before the Front: If you cast
off files in flanke to the Right hand, then the right
hand file (being readie to giue fire) standeth still,
till the Bodie of the *Battalia* be marcht so far for-
ward, that the Reare, or Bringers vp, become
euen with the Leader of the right hand file; then
that file so standing, and prepared, giueth fire al-
together; then presently march vp betwene the
outmost file of Pikes, on the right hand, and the
inmost file of Shotte; then the second file of
Shotte, as the first, doth stand still, till the Bodie
be marched by, and then giue their Volley, and
then march vp as they first did, betweene the out-
most file of Pikes, and the inmost file of Shotte, as
aforesaide; And thus successiuely, euery file of
Shotte giueth their Volley, that are conteyned
in that right Wing, which done, wheele the
whole Bodie about, and bring the Left Wing,
to doe as much as the Right Wing, and so Wing
after Wing, according to pleasure; And this man-
ner of casting of Files in Flanke, is of excellent
use for the bearing of Paces in Woods, or Bogges;
also, for the mayntaining of straight and narrow
Waies, for defence of Bridges, and the like; and
that you may haue a better understanding there-

then the whole wing is as it was at the first, 1. 2. 3
now as thus you may cast off the files to both
Hands, making the file 9. to stand, and the
Volley given to retreate betweene the file 8. and
the file 7. then the file 9. to stand, and the Vol-
ley given to retreate betweene the file 7. and the
file 10. then the file 8. to stand, and the vol-
ley giuen, to retreat betweene the file 7. and the
file 9. So then the body is brought againe to
his first forme, 8. 9. 10.

Now for the casting of Files in Wing, you
must draw foorth the File 1. on the right hand,
and the file 10. on the left hand in the manner
of Wings, and having giuen their Volley, shall
stand still till the reare bee aduanced, and then
the file 1. shall retreat betweene the file 4. and
the file 5. and the file 10. shall retreat between
the file 7. and the file 8. as in the former exam-
ple, and so the rest of the files one after another,
this example appeareth.

1. File Front
2 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2

Files

2. File Rear

Files cast off in Wings.

The Front.

98765432

ss p p · p p s s

ss p p p p s s

550 P P P 55

SSPPPP
SSPPPPSS

SSPPPPSS
SSPPPPSS

33 pppps
55 pppps

ssppppss

ss p p p p ss

The Rare.

25708 20 3

Lastly, there are *Files* cast off before the *Front* of the *Battalia*, after this manner.

Files cast off before the Front.

The Front

1 8 8 8 8 8 8 8 8 8 8

1098765432

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P P S S

S S S P P P P D S S

The Recre.

Here

Here as you see the file 1. to the right Hand is drawne before the Front, who as soone as they haue giuen fire, shall turne their faces to the right hand, and following the Bringer vp, shall make retreate betweene the files 4. and 3. and there couer themselues till they haue made ready againe. Then shalbe drawn forth before the Front, the file 10. to the left Hand; who after they haue giuen fire, shall turne faces to the left Hand, and retreat betweene the files 8. and 7. then shall bee drawne out the file 2. to the right Hand, which having giuen fire, turne faces as before to the right Hand, and then retreate betweene the files 4. and 1. Likewise in the same manner the file 9 is drawne out to the left Hand, and hauing giuen fire, turne their faces, and retreate between the files 7 and 10. and thus successiuely one after another you shall drawe foorth euery file of Shot, first on the right Hand, then on the left, till the seruice be accom- plished, and thus much of the casting off the fiks.

There is yet an other Motien of the foote, which is worthy obseruation, and that is ope- Of Opening
and Cloasing.ning and cloasing of Ranks and Files: wherein is to be noted, as I haue shewed in the *Accidence*, that Ranks when they open to any Order what- soeuer, ought, for the most part, to open downe- ward, by turning *Faces about*, and descending till they come to the distance commanded, and then to turne *Faces as they were*, but when they close to any Order, it must euer be done vpward, to- wards the Front. But the Files when they open

or close must euermore doe it to the right or left Hand, or to both, in this manner.

Files opened
or closed by
the Middle-
men.

If you give the word of Command plainly, and barely, without any implication, or addition thus, *Open your File to Open Order*, &c. or to any other Order; then shall the two Middle Men to the two *Flankes* standing in the middest of the *Front*, open the one from the other according to the distance appointed, and their whole *Files* shall follow them in an even line; then the rest of the *File-leader* shall open from these Middle men, one halfe to the right hand, the other to the left, till the whole *Battalix* bee opened, according to Commandment, as you may see by this example.

Files opened from the Middle-men.

The Front.



Front

Reare

The Reare.

And

And as thus you open, (if the Word be giuen in one and the selfe same manner:) so likewise you must close your Files, the Middleman first ioyning with their Files; then after all the rest of the *File-leaders*, with their files to both hands, till the Commandment be fulfilled.

But if the Word of Command bee giuen, ^{Files opened,}
Files to the right hand open to open Order, &c. ^{or closed to}
to any *Order* else, then shall the right Hand ^{any hand.}
File-leader with his file, and so successiuely euery other *File-leader* (with their files) shall open after the Right Hand Man, till the Command be perfized; and as thus you open, so you must also close; and as you open or close to the right Hand, so you must open or close to the left Hand, when the Word of Command is giuen to that purpose.

Diuerse other Motions there be belonging to ^{Other Moti-}
the *Foote Companies*, as the turning of *Faces* to ei-
ther Hand, or about; the forme whereof is ex-
prest almost in euery figure before shewed: Al-
so the Charging to any Hand, to the Front, to
the Reare, or to all at an instant; of which I
shall haue cause to speake more amply in an-
other place: Therefore at this time, these al-
ready expressed, shall serue for the Motions of
the *Foote Company*.

CHAP. 3.

Of the severall Motions which belong vnto
Horse, Or, Horse Tropes.

The vse of
Horse Moti-
ons.

He Motions of *Horse* are divers, according to the opinion of the Antients, and to these Moderne times also, as you may perceiue by my *Accidence*, wherein I haue set you downe the severall words of command, belonging to euery Motion of *Horse* now in vse; all which, are so neere a kinne to the Foote Motions, that I hold it necedelesse to repeatethem ouer heere againe, but referre those which desire to learne those generall Motions, to the *Accidence*, and to those Motions of Foote which are already specified and set downe in this *Grammer*: I will now proceed to those other Motions and Imbattaylings of *Horse*, which being more difficult and strange, doth more amase the minde of the industrious Learner, and are harder attayned vnto by Discourse, without some playner Demonstration.

First therefore, the generall Motions of *Horse* at this day (wherein the *Launce*, the *Light Staffe*, and the *Short Pistoll* are taken away, and onely the *Long Pistoll* and *Dragoone* in vse) are conteyned in Trooping, Discouering, Charging, Wheeling, and Retyring; and all these are done, eyther by whole Bodies, by Parts, or Deuisions, by many

many files, few files, or single files: And hercyn you are to call to minde (as I haue shewed in the *Accidence*) that as the Rankes of *Horse* are compounded of vncertaine Numbers; so the file must euer be constantly sixe Deepe, being compouned of a *Leader*, a *Follower*, two *Middlemen*, a *Follower*, and a *Bringer vp*, or, the *Reare Man*, according to this demonstration. *An Horse File.*

- *Leader.*
- I *Follower.*
- *Middle Man.*
- *Middle Man.*
- I *Follower.*
- *Bringer vp.*

Thus you see the Contents and forme of a *Horse* file, from which certainty, and true knowne Ground, euery skilfull Commander may builde vp any Bodie that he pleaseth; whereas, if both Ranke and Fyle should be incertaine, and at pleasure, there would then be no Ground for any thing, but euery thing would be confused, according to the phantastiquenesse of Opinion.

When you haue therefore drawne your *Horse* Troope into Rankes and Files, which you must Drawing vp of a Horse-Troope. doe file after file, till euerie Man be placed according to true order, & not according to the fashiō of our ignorant Commanders, whom I haue heard (at the first gathering of a Bodie together)

to command the Men to Ranke thrie, fve, seuen, or as fancie leades them, for this is most absurde, and vnproper, because Rankes are, and may be of vncertaine Number; so that ranking at hap hazard, it is almost impossible that the files should fall out euuen, whose Number must not be changed; and so a new worke to begin, which at the first might better haue bene finished.

But to my purpose againe; When you haue drawne vp the Bodie of the Horse in true Files and Rankes, and hauing euerie Officer readie for his due Place, as *Captaine*, *Liuetenant*, *Cornet*, *Trumpets* and *Corporalls*: You shall then (according to the Figure or Example following in the next Page) Troope into the Field, eyther for Service, or other Exercise.

The Former Troope drawne vp into a firme body
either for Seruice or Exercise with all
the Officers.

Captaine.

Trumpet, Trumpet.

Cornet.

The Front.

h h h h h h h h h h h h h h h h

h h h h h h h h h h h h h h h h ^{1 Corporall Extraua.}

^{2 Corporall Extraua.}

h h h h h h h h h h h h h h h h

h h h h h h h h h h h h h h h h

^{3 Corporall Extraua.}

h h h h h h h h h h h h h h h h

^{4 Corporall Extraua.}

h h h h h h h h h h h h h h h h

The Reare.

The Lieutenant.

Thus you haue seen the maner of Trooping into the Field, with al the Officers of a priuat troop, and how they are deuided into foure Deuisions. The first, or head, being lead by the *Captaine*; the second Diuision by the *Cornet*; the third, by the eldest *Corporall*; the fourth, by the second

Corporall

Corporall; the *Reare* or hindmost being brought vp by the *Lieutenant*, the two yongest *Corporalls* are extrauagant, and ride vp and downe on both sides, to see the whole Body keepe their true Order. The *Trumpets* (if their bee more then one) the Edest troopes vpon the Head next after the *Captaine*, and the second troopeth in the *Reare*, two Ranks before the *Lieutenant*; if there bee three, the third soundeth before the *Cornet*.

Now for the drawing of this Troope into a firme Body, for Service, or Exercise, the *Captaine* hauing found conuenient ground, maketh a stand with his *Deuision*; and the *Cornet* bringeth vp his *Deuision*, on the left Hand the *Captaines*, placing himselfe vpon the left File of his owne *Deuision*; then the eldest *Corporall* bringeth vp his *Deuision* on the left hand the *Cornet*, and as soone as they are ioyned, hee departeth himselfe to the outside of the right Wing, to see that true Order and Distance bee kept; then the second *Corporall* bringeth vp his *Deuision* on the left Hand the eldest *Corporalls*, and himselfe departeth to the outside of the left Wing, to see that true Order and Distance be kept; For now all *Corporalls* are extrauagant; and all the *Trumpets* ascend to the head and Troope next behinde the *Captaine*, and before the *Cornet*; the eldest *Trumpet* taking the right hand, and so the rest according to antiquitie.

This Body, or Square *Battalia* is of all other
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The Benefit
of the square
Body.

the best, and most sure for all manner of Seruice, and may the easiliest be reduced, and brought to any other forme, that Inuention can finde out; and with this Body, you may eyther Charge entirely and wholly at once, or you may deuide it, and Charge sundrie waies, or else by drawing out two, or threc, or more Fyles, skirmish on euery side the Foote Battaile, and put them to much annoyace.

There is another forme of Imbattailing the Horse, which is called the *Horsmans-Wedge*, and it is drawne vp into the forme of this Figure, or Example following.

The Horsmans Wedge.

The Front.

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H H H

H H H H

H H H H H

The Reare.

This

This Wedge, Charging poynt-wise vpon the Foote, seeketh to disseuer and breake the Front, whereby, getting an entrance, they put all into Route and confusion, which the Foote-men perciuing, they haue no meanes of safety, but eyther by maine strength to repulse them, or else to devide their Body in the midst into two parts, and to give the Horse a free and thorow passage; which foote Battaile so devided, is called the *Battalia Antistomus*.

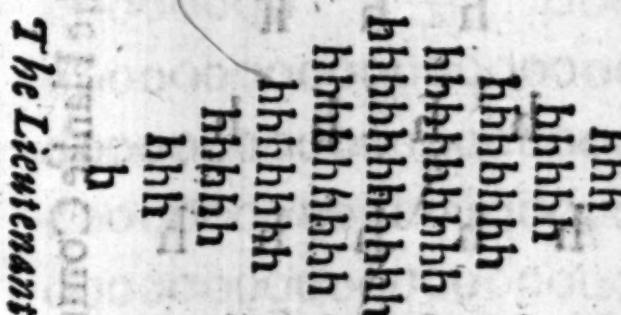
There is an other *Battalia* of Horse, which is called the *Rhombe* of Horse, and it is proportioned according to this Figure, and is of great vse, hauing in euery corner a Leader.

The Rhombe.

The Flanke Commander.

The Captaine.

The Front.



The Flanke Commander.

This Horsmans *Rhombe* was first found out in *Theffalia*, and thence brought in great practise, through the benefite thereof, being able to passe through, and to peirce any Foote Battaile whatsoeuer; and is only to be opposed, by that Foote

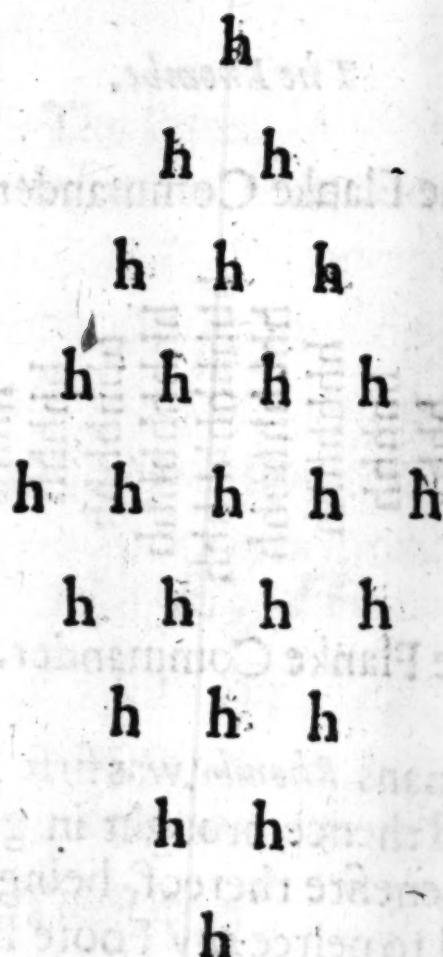
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Battalia

Bassalia which is called *Menoides* or *Cressant*, and in forme of an Halfe Moone, whose Winges being stretched out by the Leaders, the middle part is imbowed, and bent to inuyron and wrappe in the Horse Men as they Charge, and so put them to Route and Disorder, and therefore in this case are to keepe aloofe off, and not to come in, but to plye their Pistolls, till they see the Foote Battaille stagger, and fall into disorder:

Another Rhombe of ffe Square.

The Front.



The Flanke Commander.

The Flanke Commander.

The Reare.

This

This *Rhombe* of fiue in Square, doth not Ranke, but onely Fileth, and is of equall vse with the former *Rhombe*, and is as necessarie for our *Pistollers* in these daies, as it was in times past for the *Crossbow Men*, and other *Archers*, and *Dart Casters* on Horsebacke.

There is no Foote Battaile more excellent to oppose, then as that which is called of the Auncient *Epicampios*, *Emprostria*, which as the Halfe Moone carrieth a circular hollownesse, so this carrieth a square hollownesse, as you may see in this Figure.

The Foote Battaile, Epicampios.

The Front.

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The Reare.

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The end or purpose, to which this foote Battaille is framed, is to beguile and ouerreach the *Pistoleirs*, eyther by inticing them into the voyd or emptie place of the *Battalia*, as they Charge in furie, and vpon the Spurre, or else, by disordering their Horses with their Winges, and so driue them into an vitterconfusion.

This *Battalia* makes shew but of a small number, because the Deuisions lie hid and couered, and so much apter to be mistaken; for, the Winges which are the least number, are only apparent to the eye, the Bodie (which is three times more) is hardly discerned; so that if the Winges preuaile, the Conquest is sure; if they faile, they may easily retire into the maine Bodie, and make a powerfull resistance.

There is another Horse Battaille, which is square in Figure, but not in Horse, being eleuen in Ranke, and but sixe in file, which is called of the Auntient a *Tetragonall* Horse Battaille; this is a very strong Battaille, as all square Battailles are, and our Forefathers did affect it much, and we at this day finde it of great vse for our *Pistoleirs*, both for the strength, and the ready framing thereof, there is no Battaille on foote to oppose it, but that which is called *Embolos*, or the *Wedge* of Foore, which is framed of Foote Men, as the former *Wedge* was made of Horse Men, all the outsides consisting of Armed Pikes, and the Lynings within of Shotte: Also the front of this Foote *Wedge*, consisteth of three Armed Pikes, as the Horse *Wedge* did consist of one sin-
gle

gle Armed Pistolier. Many other Motions and Imbattaylings of Horse there be, but none more vsefull then these already expressed ; and he that is able to draw Horse and Man, into these formes and figures alreadie expressed, may without any difficultie or amazement, draw vp any other Battaille at the first sight, be the Inuention never so deepe, obscure, and curious.

CHAP. 4. *Of the severall Ranges of the Foot, and how they are Ordered, and Compounded.*

Embrally; all Foote Battailles, or Battailles of the *Infantry*, are Ranged into Ranks & Files; now the Ranks are vncertaine, therefore from them no true Ground can be taken; but the Files are certaine, therfore from them must arise the Ground of well Ranging of Battailles; for these files are ordered into Bodies, and those Bodies haue every one a severall name, or denomination, by which the Auntient did distinguish them; But we lesse curions, and finding that playner Demonstrations, and Names of lesse difficultie, were sooner apprehended, and conceiued of the Ignorant Souldiers, haue neglected those hard and ynacquainted Names, and haue reduced

them to Termes of greater familiarity, and much lesse trouble and vexation to the me-
mory: Yet because I know that Noueltie is plea-
sing vnto many; some, desirous to know what
they never intend to practise; others, willing to
satisfie their mindes, least Questions of this nature
might be vnseasonably brought vpon them; and
others, for Argument sake, to fill vp Discourse,
with those Knowledges which they imagine are
obscured to others: For these Reasons, I think
it not amisse, to shew how the Auntients did
Range their Battailes, and what Names they
gave to their feuerall Numbers; and then, to
shew our owne manner of Range, and the easy
apprehension thereof, that being compared to-
gether, Judgement may soone finde out, which
is most auailable.

And heerein, you must first understand, that the
Auntients did range their *Battailes* into *Files*,
euery single file contayning in depth or number,
full sixteene Men, and so called a *File*; a *Bodic*
compounded of two files, they termed a *Dilochie*,
of two and thirty Men, and the Leader, or Cap-
taine of those two and thirty Men, was called
Dilochita; foure files, contayning threescore and
four Men, they called a *Tetrarchy*, and the Cap-
taine or Leader thereof *Tetrarcha*; eight files, a
Taxis, and the Capitaine *Taxiarcha*; then is six-
teene files, a *Syntagma*, and the Capitaine thereof
Syntagmatarcha, which indeed, is that Man which
we call a Capitaine in Chiefe, for euery *Syntag-
matarcha* had vnder him, fife Inferior Comman-
ders,

ders, that is to say, a *Reare Commander*, which we call a *Linetenant*, an *Ensigne*, a *Trumpeser*, which in our foote Companies is the *Drambe*, a *Sergeant*, and a *Cryer*, which we call a *Corporall*: Now two and thirty files (which is two *Syntagmas*) they call a *Pentecostarchy*, and contayneth ffe hundred and twelve Men, which with vs is called a *Colonic* or *Regiment*, and the *Captaine* thereof is called *Pentecostarcha*, which we call a *Colonell*, now two of these *Pentecostarchies* being a thousand and twenty four Men; and three score and four files, they call a *Chiliarchy*, and the *Captaine* thereof *Chiliarcha*, which indeed we call a *Colonell Generall*; two *Chiliarchies* amounting to two thousand and forty eight Men, they call a *Merarchy*, being a hundred and twenty eight files, and the *Captaine Merarcha*, which is with vs the *Sergeant Maior Generall*; two *Merarchies* they call a *Phalangarchy*, and the *Captaine Phalangarcha*, which is as much as the *Master* of our *Ordnance*; two *Phalangarchies* they call a *Diphalangarchy*, and the *Captaine Diphalangarcha*, which is with vs as *Linetenant Generall*; and two *Diphalangarchies* make a fourt told *Battaile* of *Phalange*, consisting of a thousand and twenty four files, and sixteene thousand three hundred and eighty four Men, whose *Captaine* is the *King*, or his *Generall*.

Thus you haue the Range of a Foote *Battaile*, according to the *Custome* of the *Auncients*, from the first file (which is the lowest) to the full extent of a *Maine Battaile*. It now resteth that I shew

shew you our Moderne or late manner of Range, by which all our Battales are Compounded, Gouerned, and Conducted; and in this Discip-
tion, I must vary much from the Auntient, and begin a steppelower in degree; but two stepps (at
least) lower in number. And here I must haue you
first remember, that as the Auntient began with
whole files of 16. in number, so I must now begin
with halfe files, being but five in number; for in
this Range (of which now I write) no file must ex-
ceede the number of 10. five then, which is the
Roote or beginning of this Range, is called halfe
a file, or halfe a Decurio, and the Leader or Cap-
taine thereof is called *Lanspesado*, or *Middle Man*;
Two halfe files make a whole file of ten, and the
Leader or Captaine thereof is called *Decario*, or
the *Fulle Leader*.

Two whole files and a halfe, which is 25. Men,
we call a *Squadron* or *Square of Men*, being five
euery way, and the Leader or Captaine thereof is
called the *Corporall*: Two *Squadrons*, being 50.
Men, and five files, is called a *Sergeancie*, and the
Chiefe or Leader thereof is called a *Sergeant*.

Two *Sergeancies* being 100. Men, and ten files,
is called a *Centurie*, and the Chiefe or Leader
thereof, is called the *Captaine*, which *Captaine*
hath vnder him i. *superordinary Men*, that is to
say, a *Lieutenant*, an *Ensigne*, a *Drumbi*, two *Serge-
ants*, foure *Corporalls*, a *Surgeon*, and a *Clarke*.

Two *Centuries* and a halfe, being 150. Men, and
15. files, is called the fourth part of a *Regiment*,
and the Chiefe or Leader thereof, is called the

Sergeant

Sergeant Major of a Regiment.

Two fourth parts of a Regiment being 500. Men, and 30. files, is called halfe a Colonie or Regiment, and the Chief or Leader thereof, is called the Lieutenant Colonell.

Two halfe Colonies, being 1000. Men, is called a Colonie or Regiment, and the Chief or Leader thereof, is called a Colonell, which Colonell hath also vnder him in his Regiment (besides the Captaines and Officers before named) one that is called the Quarter Maister, whose Range is inferiorto euery Captaine, but before euery Lieutenant, and the Officers that are vnder them; As for the Range of the Captaines which are vnder these three greater Officers, they shall take precedencie of Place, according to their Antiquitie in Command, and the Eldest Captaines Colours shall Flie first, the Second next, and so of the rest, and the Colonells Lieutenants shall take his Place as the Youngest Captaine of that Regiment.

Two Colonies or Regiments, is called a Bodie, or full Battalia, consisting of 2000. Men, and the Chiefetaine or Leader thereof, is called Colonell Generall.

Two Battalias consisting of 4000. Men, is called a Double Battalia, and the Chief or Leader thereof is called the Sergeant Major Generall.

Two double Battalias, containing 8000. Men, is called a Vantguard, and the Chief or Leader thereof, is called the Lord Marshall, Commanding the first third of the Battaille or Army.

Two Vantguards being 16000. Men, is called

the *Reare*, and the *Chief* or *Leader* thereof is called the *Lieutenant Generall*.

Two *Reares* being 3000. Men, is called the *Maine Battaille*, and the *Chief* or *Leader* thereof is called the *King*, or *Generall*, who hath also supreme Authoritie ouer all the whole Armie, how great or puissant soever.

Thus you haue scene the true Range of Foote-men, and their Leaders, according to their Numbers: It now resteth, that I shew you the true Range of their Weapons.

In the Auntient Times the *Light Armed* (which were *Bowmen*, *Darters*, and *Slingers*) had the *Vanguard*, and were the first beginners of Fight and *Skirmish*, for by their Darts and Arrowes, they prouoked the Enemie to breake their Ranks, and ouerthrew and killed many in their approaches, they galled and repulsed the Horse much, and indeede, were euer the first Authors of Victorie; and as thus they sometimes placed them in the *Front*, so at other times, they had their places in the *Flankes*, and sometimes in the *Reare*; But the generall and most certaine Range which they held, was euer betwene the *Armed Pikes*: The first file of the *Light Armed*, behinde the first file of the *Armed*; the second file of the *Light Armed*, behinde the second file of the *Armed*; and so consequently, to leue all the *Armed Menne* through the whole *Battalia*; yet the file of the *Light Armed*, shall be but halfe the number of the *Armed*; and these *Battailes* shall be drawne into divers *Divisions*.

But

But this Range of Weapons agreeth not without Discipline at this day, for our Battalies consisting only of armed Pikes, Muskatiers, and a fewe short weapons, they are raunged in this manner; when they march into the Field, they march Company after Company, single of themselues without any mixture: and in this march of single Companies, the Muskatiers are deuided into two parts; the one part hath the Vanguard, the other hath the Reare, and the Pikes march in the midst; vpon the head whereof is the *Ensigne*, and about it the short weapons, as Halberd, Partizans, or the like, (if the Company haue any) when they are come into the Field, then is eacuy Regiment drawn vp into a Body by it selfe, wherof all the Pikes are drawne into an entir body by themselues, and the Short deuided into two Bodies, wherof one halfe Wingeth vp the right Hand of the Pikes, and the other halfe wingeth vp the left hand of the Pikes. The *Ensignes* stand still on the head, or within a Ranke, and the short weapons of execution about them for guard.

These Regiments are drawne into the Battaille, according to the pleasure of the Lord Marshall, or *Serjeant Maior* Generall. The Horsemen are the Wings which troope on each side of the Battaille, keeping the distance of halfe a Furlong at least from either side of the Shot. The great Or-dance, or Artillery are drawne from the two out-most poynts of the Battaille, a pretty distance from the Vanguard, and extend themselues wider and and wider frō the Battaille, being drawne at length

in a fingle File, their Carriage, provision, and Munition being drawn neere vnto them, and the Regiment belopping to the Master of the Ordnance, following close about them, as a sure Defence, wall, or guard. And thus you haue the full Range of the Foote Battaille, and how it is disposed.

CHAP. 5.

Of the severall Ranges of the Horse, and how they are Ordered and Compounded.

The Horse-Troopes in the Ancient and first times had no one certaine Range, or place in the Battaille, but according to the humors and opinions of their Generals, so they were altered and carried vp and downe to seueral places of Commandment. Elian saith, that in some Battailles within his owne memorie and knowledge, the Horse-Troopes were Ranged after the light Armed, yet doth not constantly stand vpon the allowance of that Range; but saith, that although they were ranged after the Light-armed, yet other places might be more conuenient, and this range might be altered at the pleasure of the General, or vpon any necessary occasion, where Victories stood doubtfull: others of the Ancients, as at sometimes the Macedonians, now and then the Romans, but many times the Thebans & Thessalians haue ranged their Troops of Horse in the Reare of the armed Battailles, and good successe hath many times issued thereof, & the Rangers of such Battailles haue returned Victors

tors: Others of the Auntient, and especially *Alexander* himself, *Craterns*, and most of the worthiest *Macedonians*, haue ranged their Horse Battailles vp on the right and left Wings of the maine Armies, and indeed, these Places are most probable and best agreeing with our present Discipline.

To come then to the Range of the Horse Battaille, as it is vsed at this day, you must vnderstand, that it varyeth foure severall waies; two in the Range of the *Curasseires*, two in the Range of the *Harquebusiers* or *Dragoones*.

The *Curasseires* haue two severall Ranges, the one in ordinary trooping, the other in a formed *Battaile*.

In an ordinary *Troope* where the whole Battaille moueth, the first day, the *Troope* and *Regiment* belonging to the *Generall*, troopeth formost, and hath the leading of the Poynt; After him, troopeth the *Troope* and *Regiment* of the *Lord Marshall*; and after him, euery *Colonell*, and his *Regiment*, according to his Antiquitie: The next day, the *Lord Marshall*, and his *Regiment*, hath the leading of the Poynt or *Vauntguard*, and the *Generall* hath the *Reare*; the Eldest *Colonell* succeedeth the *Lord Marshall*, and so the rest of the *Colonells*, and their *Regiments* after him, according to Antiquitie: The third day, the Eldest *Colonell* hath the Poynt or *Vauntguard*, and the *Lord Marshall* hath the *Reare* after the *Generall*; and thus alternately euery *Colonell* shall change his Place, & haue the leading of the Poynt or *Vauntguard*, according to the severall daies of trooping (there being no intermission or stay of many daies betweene the severall remoues: And as thus the Chiefe and Superior *Comanders* doe remoue and alter their

Places, so shall the Inferior Commanders of euerie *Regiment* doe the like; the *Colonell* hauing the principall place the first day, the *Linetenant Colonell* the second day, the *Sergeant Maior* the third day; and so euery Captaine after, according to his Antiquitie, in which order, no Commander loseth Dignitie, but hath his severall day of Glory, and as much preheminence as the *Generall*, or any other Commander, whatsoeuer.

Now if it come to a formed Battaile, then the Ranges change, and the *Regiments* are drawne vp into one whole and entire Bodie, in which drawing vp of *Regiments*, this order is to be obserued, that every particular Troope shall duely keepe their two distances, that is to say, *Open Order* in their Ranks, and *Close Order* in their Files; then betwixt Company and Company, in euery Regiment, shall be the space of 35. foote, that thereby they may be the better distinguished, and the sooner drawne foorth, and employed in any needfull place, as the Superior Commanders shall thinke good.

This Order and Distance being obserued, *Regiments* are to be brought into maine Bodies, eyther Square, Long, Tryangular, or Dyamond, according to the nature of the ground, and the fashion of the Enemies Battaile, for therein is the aduantage.

Now for the true Range, the *Generall* hath euer the *Vauntguard*, which is the right Wing of the Battaile, and the Lord *Marshall* hath the second *Vauntguard*, which is the Poynt of the left Wing of the Battaile; For here is to be vnderstood, that when Battailes of Foote are drawne vp and formed, then the Battaile of Horse is deuised, and extended forth in

in length, according to the number of the *Regiments*, which as Wings stretching themselues foorth from the two points of the right and left hand battaile of Foot; are as a Wall or defense betwixt the Enemy & the Foot Army, being to Charge vpon all aduantages, to defend the Ordnance & great Artillerie when it shal be Assaulted or ingaged; or otherwise to keep the Carriage, Munition and baggage, from the pillage of the Enemy, or other defeiture.

For the range of the Colonels they take their places according to Antiquity; the eldest *Colonell* secondeth the *Generall*, the third, the *Lord Martiall*, and so according to Antiquitie their Regiments doe troope, either on the one or the other hand, all things being ordered according to Dignity and Antiquity.

Now whereas a question may be demanded touching the place of the *Quartermaster*, were he shall range himself; I thus resolute it. That if the *Quartermaster*, who is a necessary dependant vpon euery Horse Regiment, haue no troope of Horse, as seldome or never they haue, then his range or place is euer to troope with the *Colonels Lieutenant*, and the *Commissary* or *Pronost* of euery Regiment with the *Lieutenant Colonels Lieutenant*, or otherwise (at his pleasure) extrauagantly in any other inferior place of the Regiment.

Againe, here is to be noted in the generallitie of the Army where Horse and Foote are mixed together, or whensoeuer they shall meet either in publicke Court or priuate Counsell, that the Commander of Horse hath priority of place before the Commander of Foot. And howsoeuer some opinions would sway to the contrary, preferring Number before Virtue; yet it is most certaine, that in all Courts of Warre, the Horseman hath the first place, a *Colonell* of 500. Horse preceding a *Colonell* of 1000. Foot. A *Captaine* of 100. Horse takes place before a *Captaine* of 200. Foot, &c. Antiquity in this

this place being no let, but the Dignity carried according to the Honor of the Command, & the Nobility of the number.

Now next vnto these *Cuareheirs* are the *Hargnebusheirs*, who at this day, and in this present Discipline, stand for the Light Horse; these likewise haue two severall Ranges, the one in their ordinary Trooping; and the other, when they come to be drawne vp into ordinary or extraordinary Bodies: For the ordinarie Trooping, it is eyther when they Troope into the Field to receiue Directions, or else troupe forth as *Vauntcurers* and Dicouerers of all Impediments that may happen to the Army, for these are they which Scower the Coast, and preuent Ambuscadoes, they make good Ryuers, Bridges, and all straight Passages, and albe their trooping is loose and disbanded, holding no strickt or curious forme, eyther in Ranke or file, nor any certainty in Pace or Motion, but sometimes galloping, sometimes trotting, & sometimes standing still, (as danger or discouerie shall giue way to their proceedings) yet doe they troope most commonly in *Regiments*, the *Vauntguard* being led eyther by the *Colonell* himselfe, or some other Officer in Chiefe, who being better acquainted with the places they goe to discouer, hath this Authority cast vpon him, and Rangeth himselfe in the Front, which is the greatest Place of eminence: As the *Colonell* or chiefe Officer thus taketh the First Place, so the *Liutenant Colonell* taketh the Second, and so the rest of the Captaines successiuely, according to their antiquity: These are the ordinary Scoutes, Watchmen, and Sentinells, and if it be in Campe, their guard is ever without the Verge of the Campe, and if it be in a Walled Towne, Citty, or Garrison, their guard is without the walles of the City, and their Quarter in the Suburbes; there are Dependants on the Lord *Marshall*, and take directions from his Commands: and thus much for the Range of Horsemen.

FINIS.



THE
SECOND PART
OF THE
SOLDIERS
GRAMMAR:

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Especially for all such as are called to
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By. G. M.

LONDON,
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Burffe, at the signe of the *Harrow*. 1627.
